

## ABSTRACT

1        A data manipulation method to make local chromatography data more usable and  
2        comparable to a reference. The method provides time axis correction to better match  
3        local data to a reference of the same time scale, time axis transformation to correspond  
4        more directly to a reference based on a different time scale, and response axis correction  
5        to better match a reference of the same or different response scale, while maintaining the  
6        original peak areas. The method may be used along or concurrently with other data  
7        manipulation technique to facilitate operations such as searching, matching, visual  
8        comparison, mathematical manipulation, and pattern recognition of chromatographic  
9        data.